

1/20

Adeno-X.NGN3

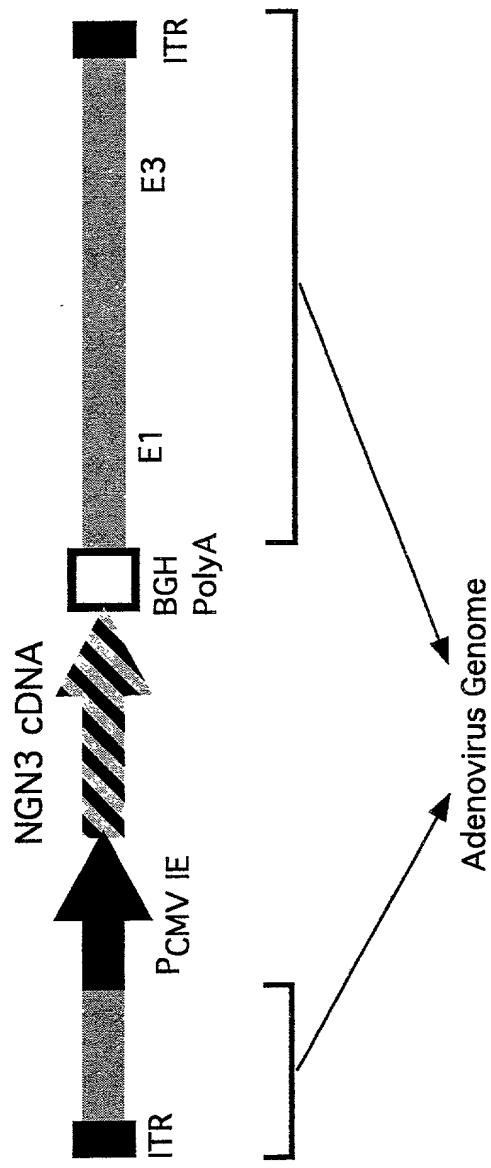


FIG. 1

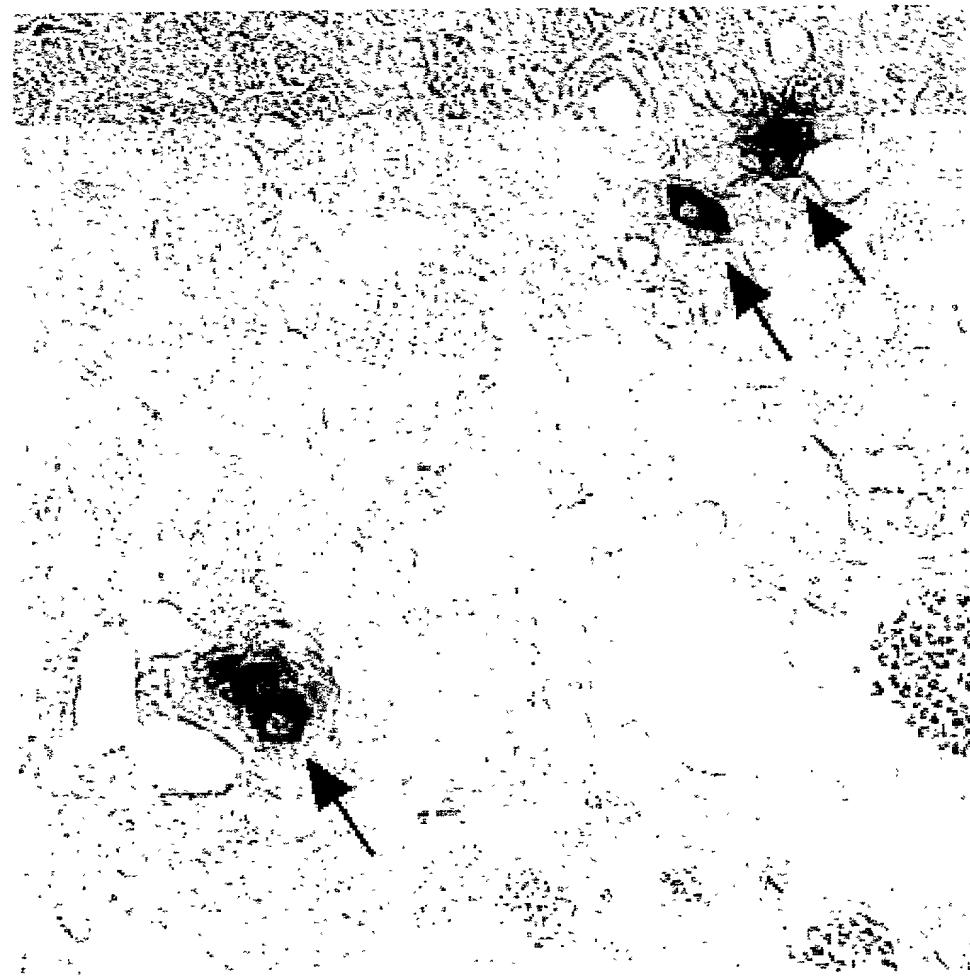


FIG. 2A

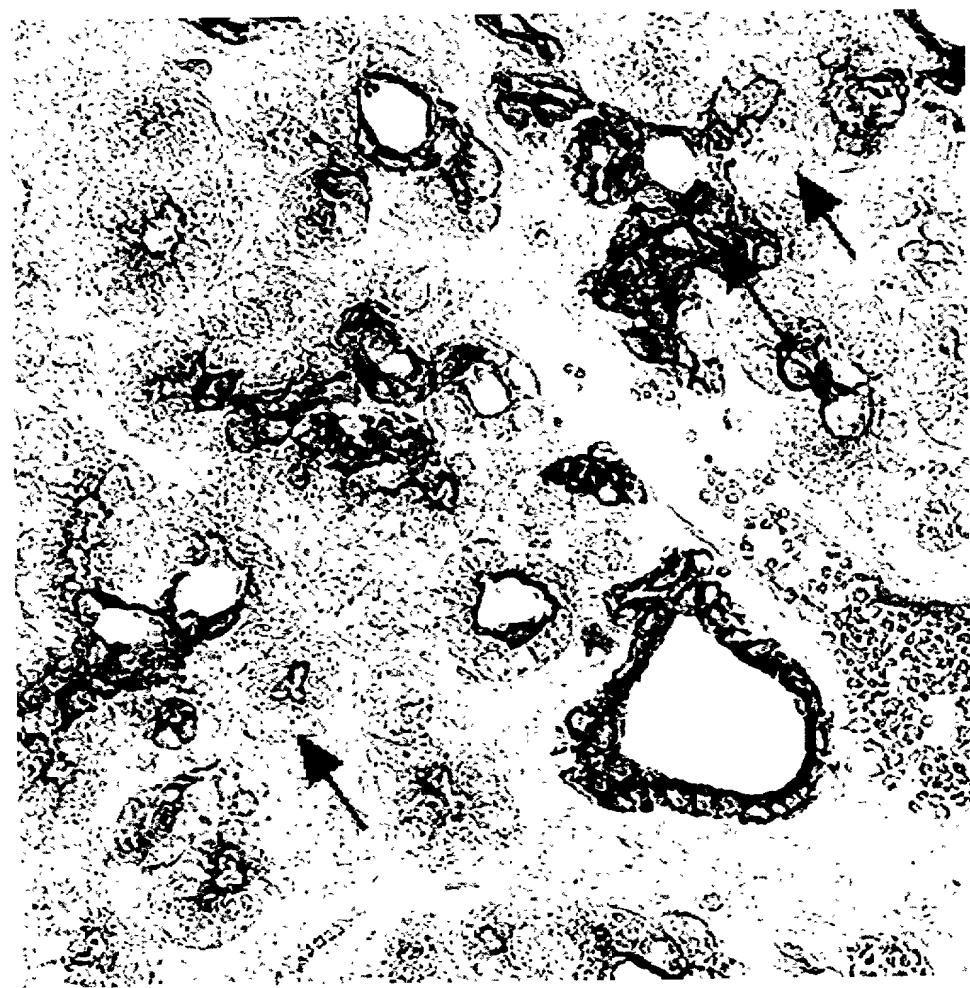


FIG. 2B

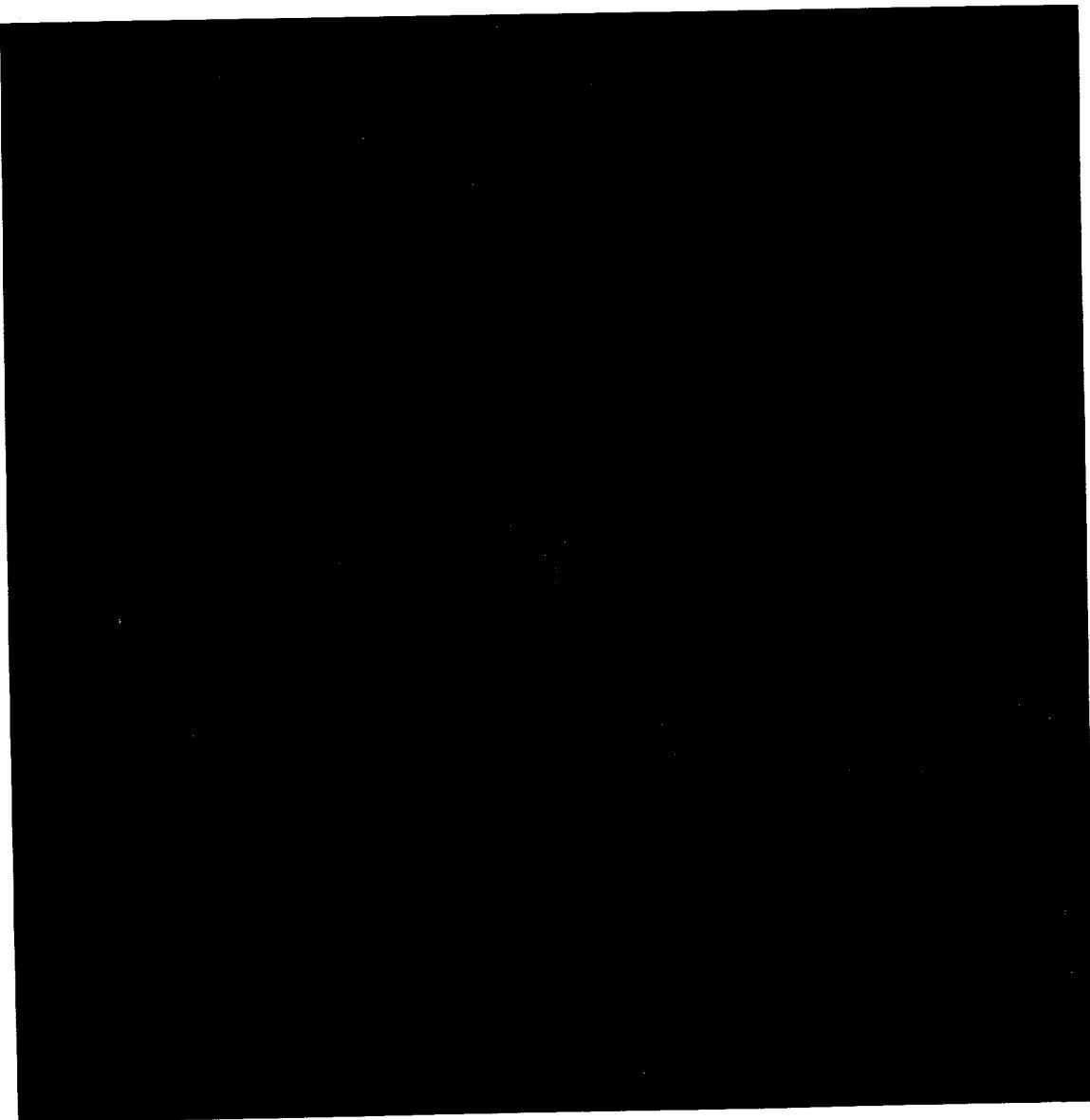


FIG. 3

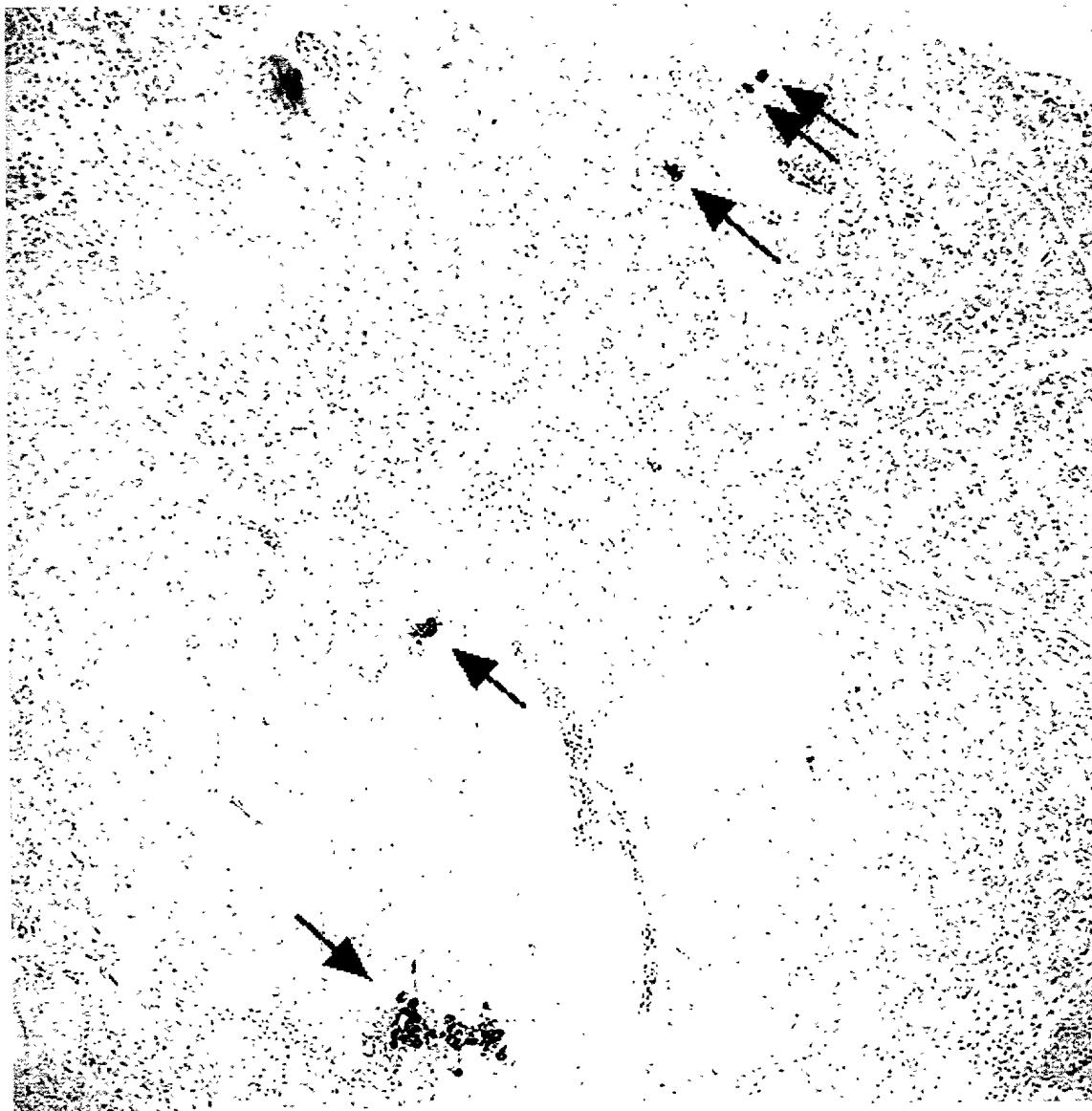


FIG. 4A

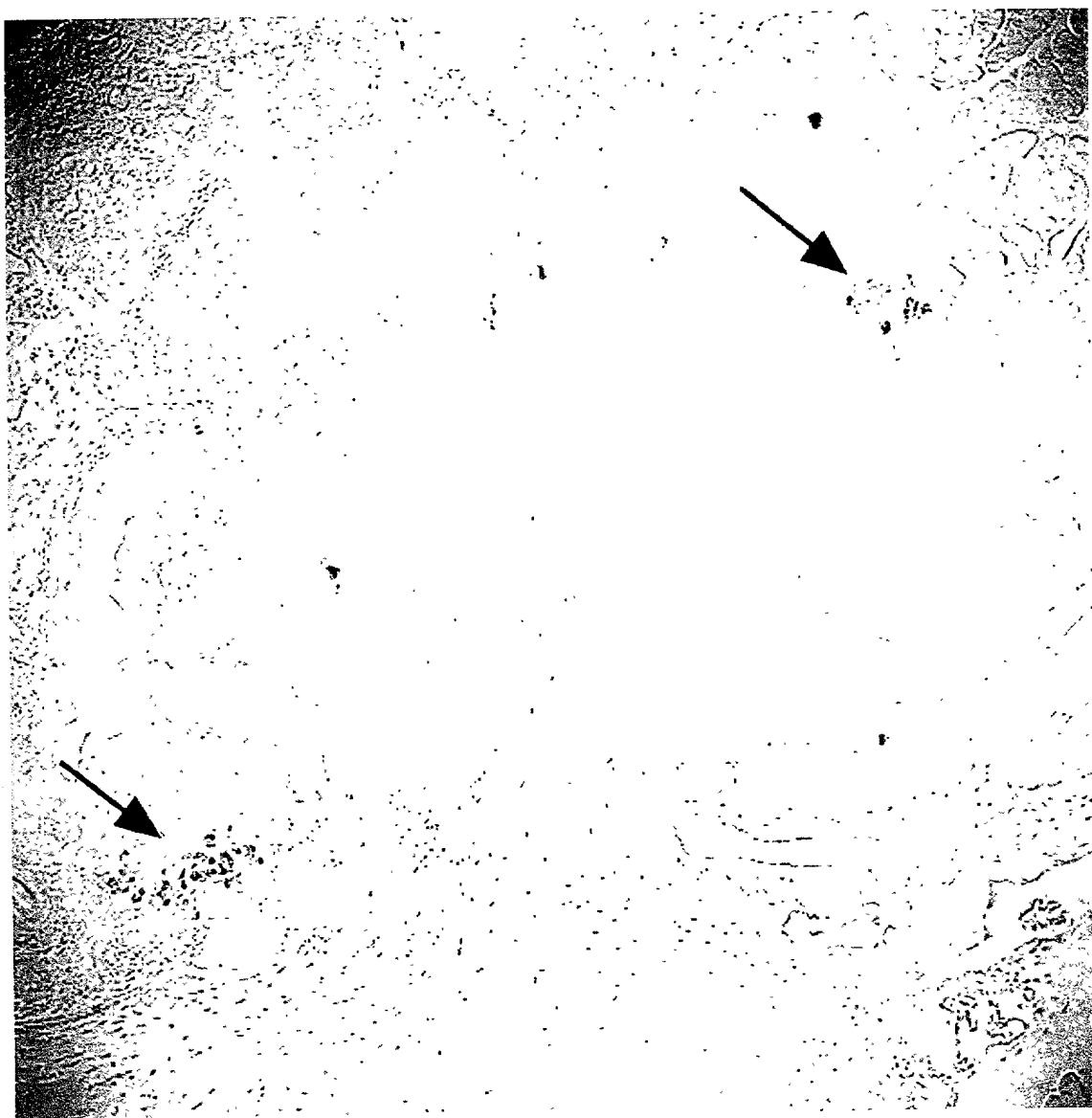


FIG. 4B

7/20

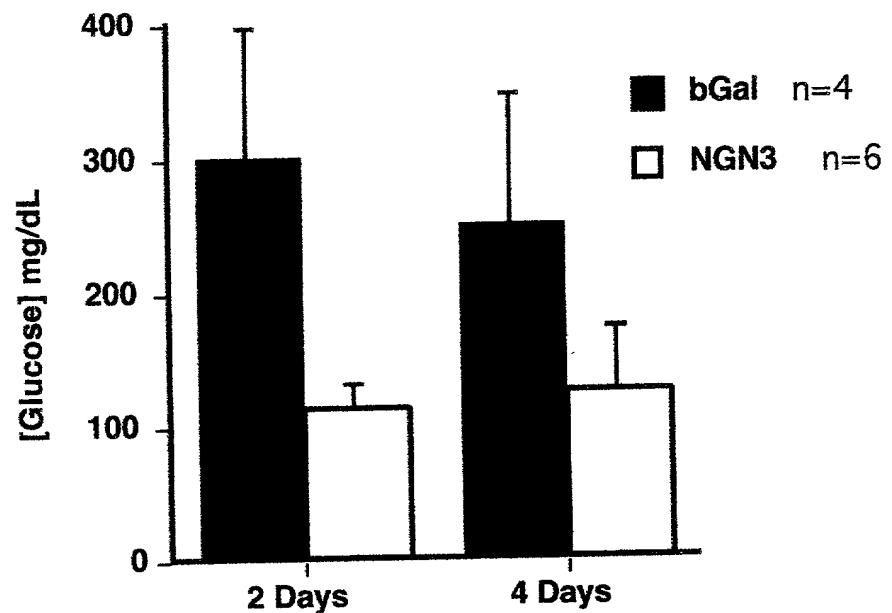


FIG. 5

FIG. 6A

WT



FIG. 6B

pdx1-
ngn3



FIG. 6C

pdx1-
neuroD1

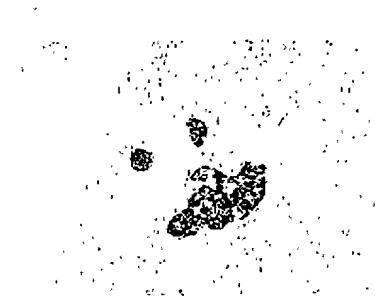
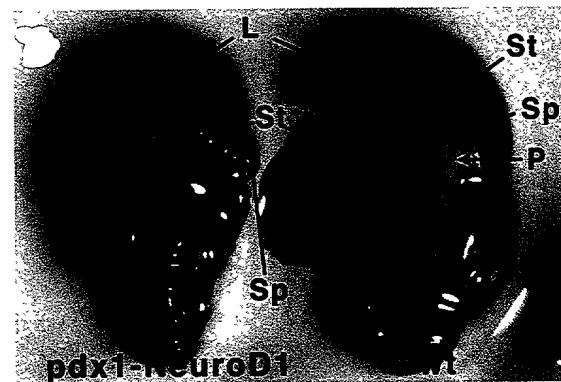


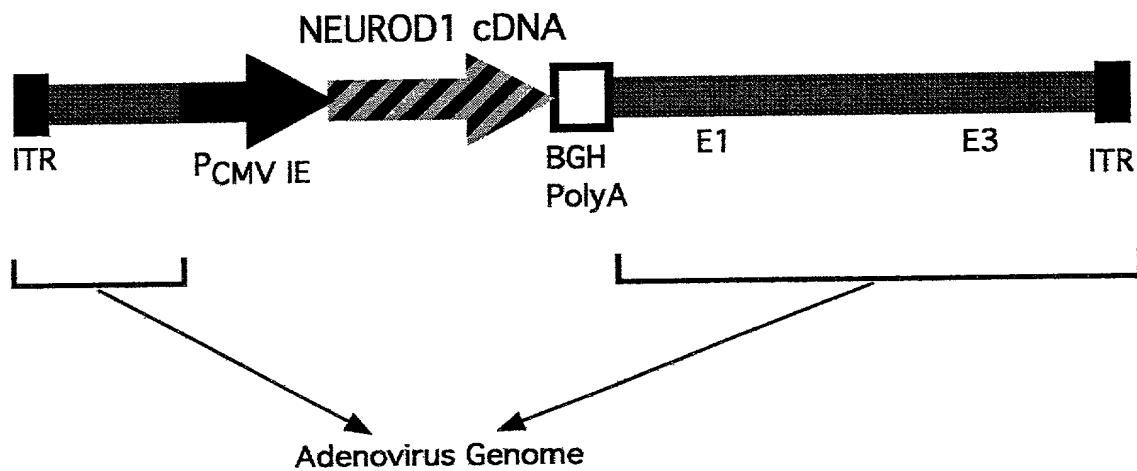
FIG. 7A



FIG. 7B



Adeno-NEUROD1



Adeno-mash1/ASCL1/ASH1

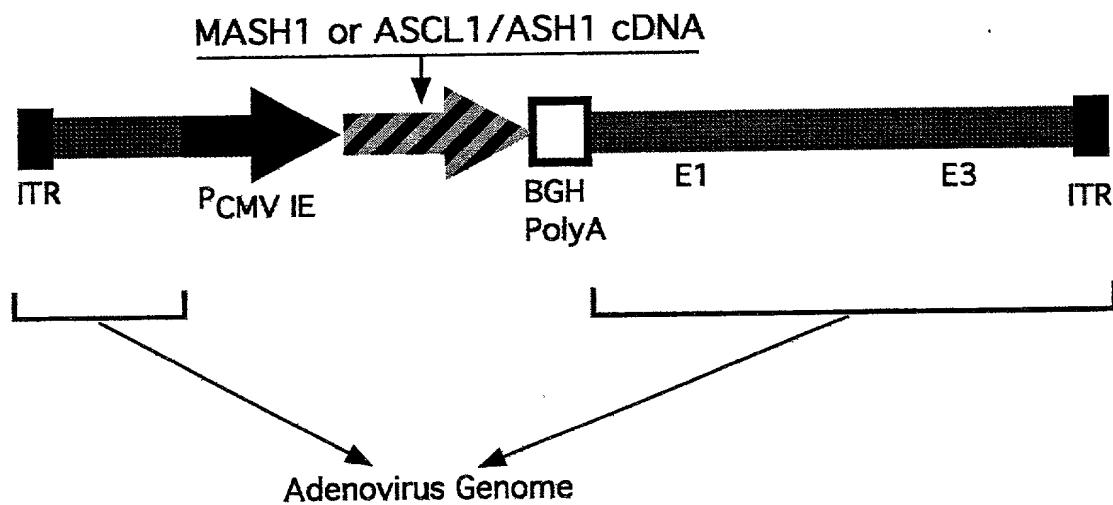


FIG. 8

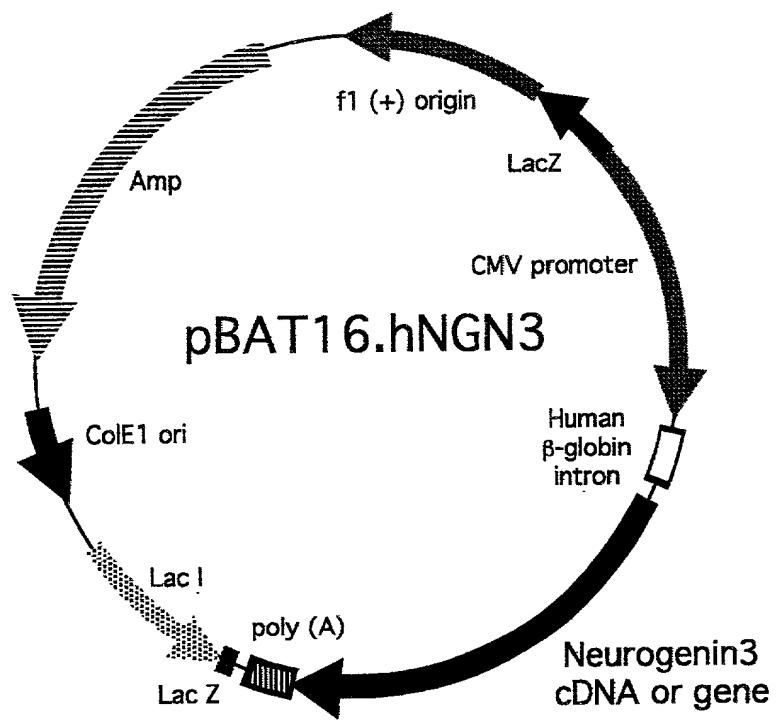


FIG. 9

Phylogenetic Tree

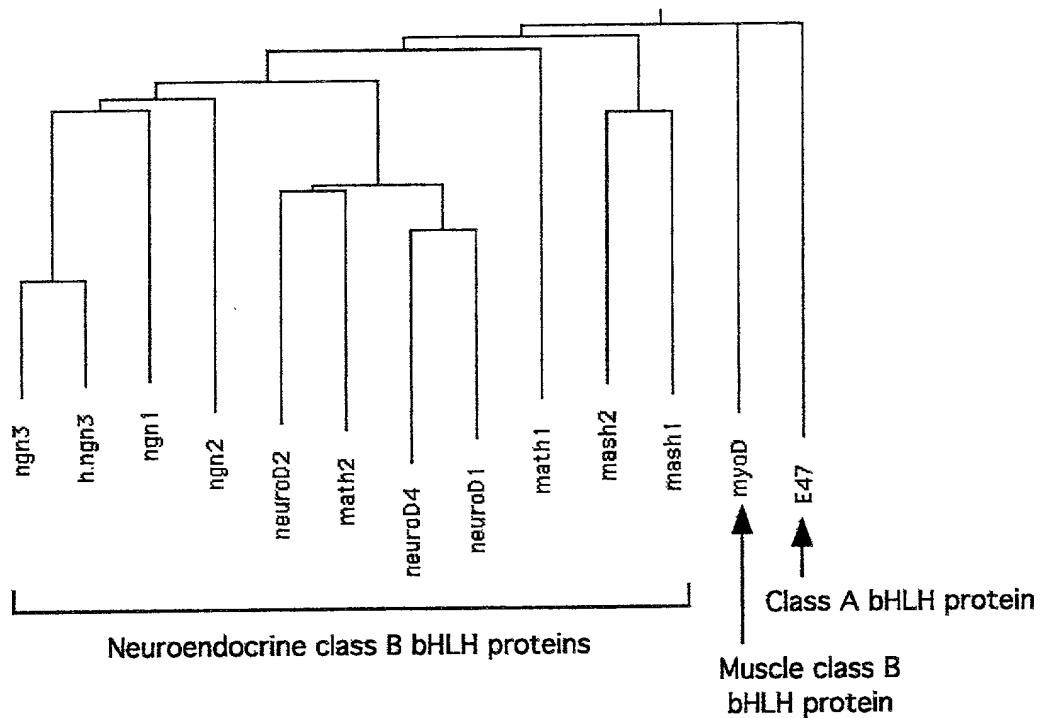


FIG. 10

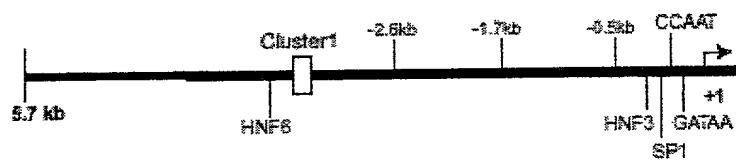


FIG. 11A

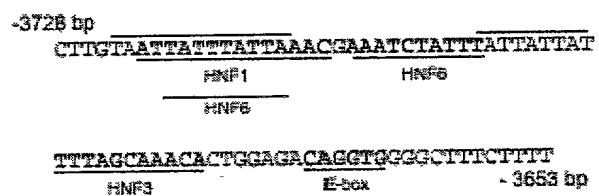


FIG. 11B
SEQ ID NO:19

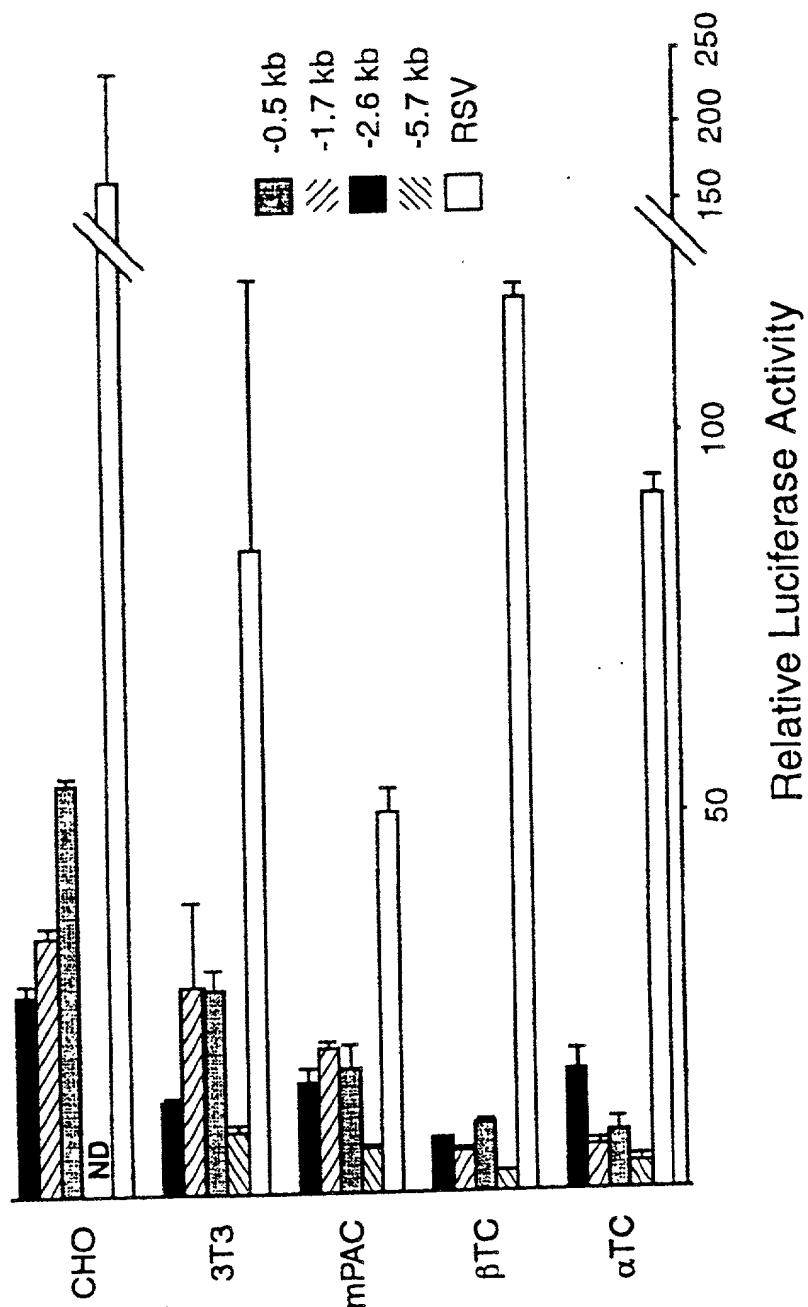
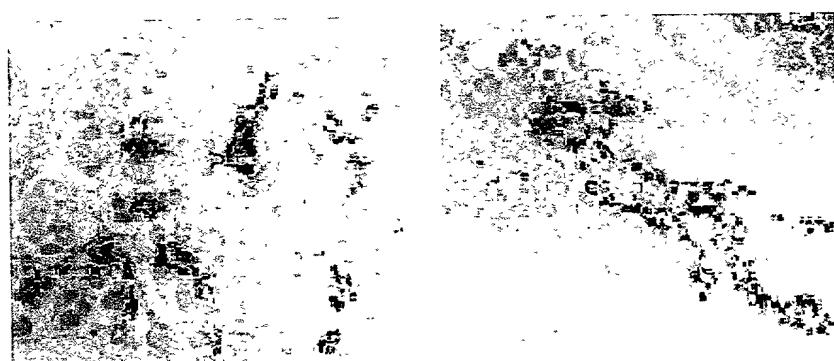


FIG. 12



5.7 kb promoter

FIG. 13A

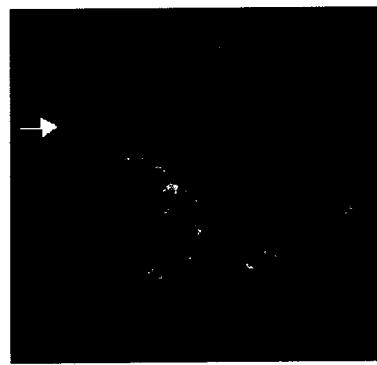


5.7 kb promoter

FIG. 13B

glucagon/βGal 2.6 kb promoter

FIG. 13C



insulin/glucagon/βGal

FIG. 14A



neurogenin3/βGal

FIG. 14B

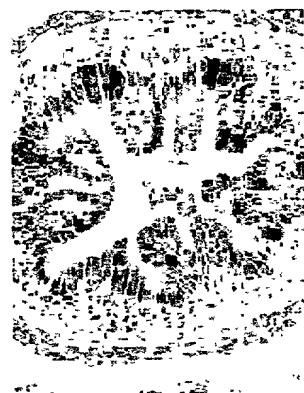
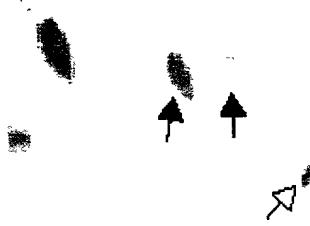


FIG. 15A



FIG. 15B



neurogenin3/βGal

FIG. 15C

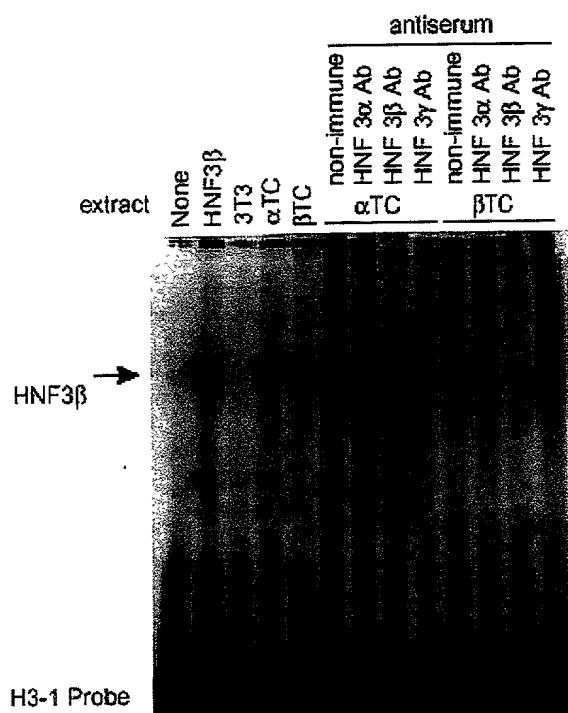


FIG. 16A

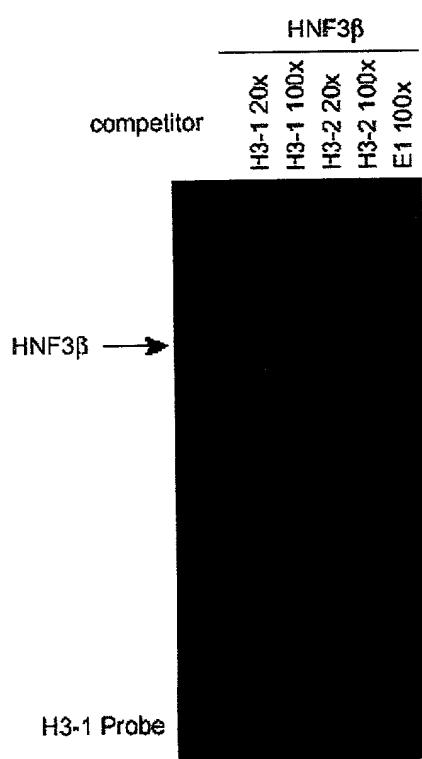


FIG. 16B

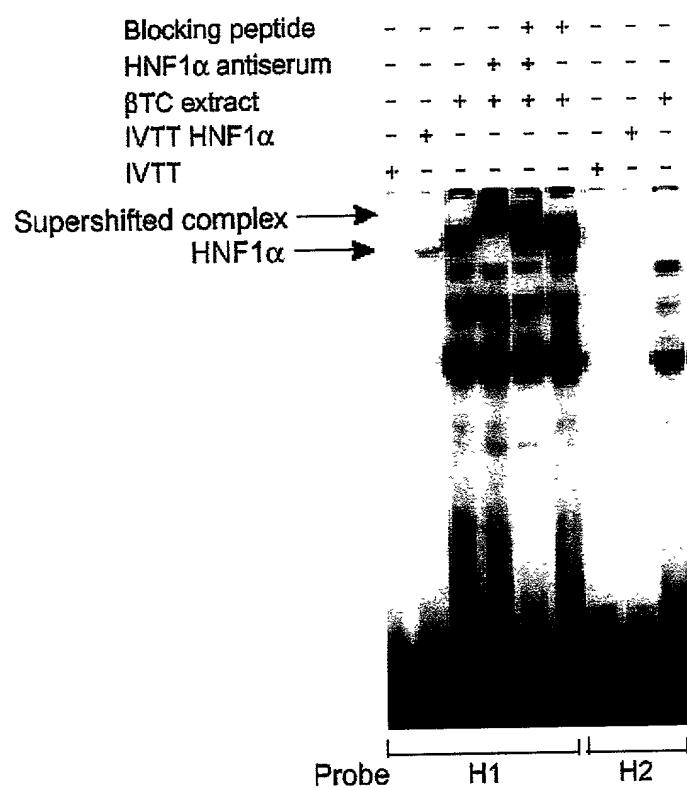


FIG. 17

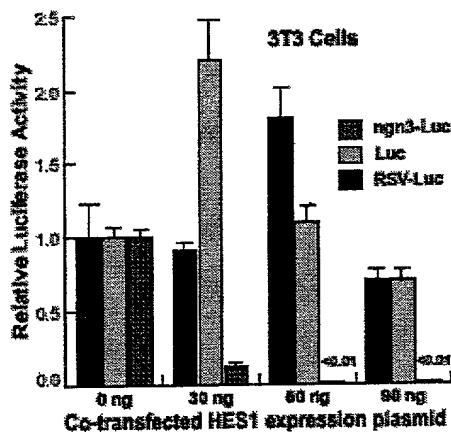


FIG. 18A

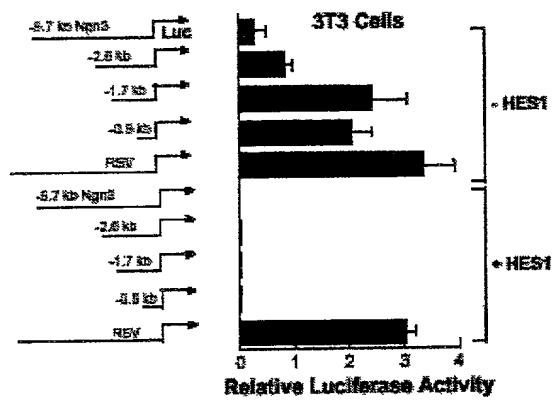


FIG. 18B

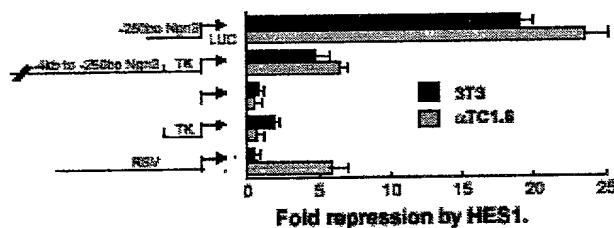


FIG. 18C

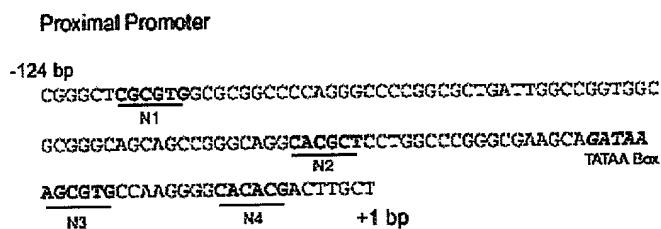


FIG. 19A

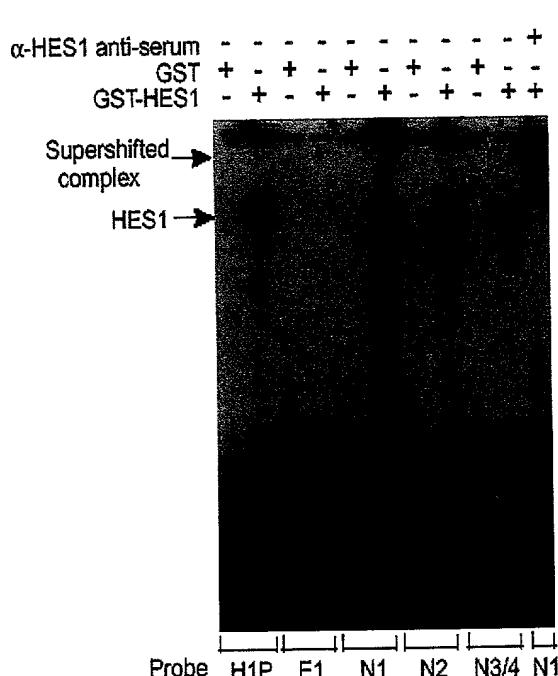


FIG. 19B

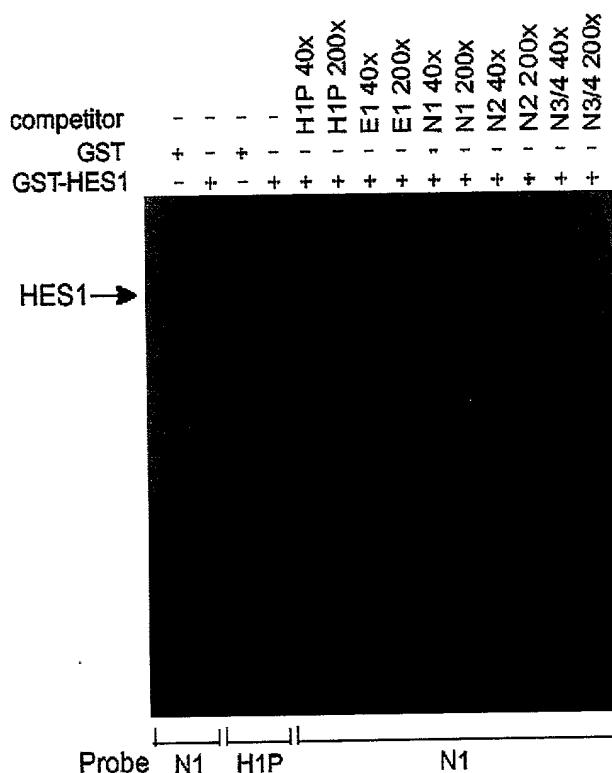


FIG. 19C